

Attention: TBD

Subject: Final Request for Proposal (RFP) DL-2671-584331 to design, fabricate, test and integrate a stored cryogen Dewar to cool the Mid-Infrared Instrument (MIRI) detectors and optics for the James Webb Space Telescope (JWST)

INTRODUCTION:

The California Institute of Technology's (Caltech) Jet Propulsion Laboratory (JPL) requires a Subcontractor(s) to design, fabricate, integrate and test a stored cryogen Dewar to cool the MIRI detectors and optics for the JWST.

The JWST, sponsored by NASA, will be carrying a Mid Infrared Instrument (MIRI), to carry out infrared astronomical observations. MIRI will operate in 5 to 27 micron wavelength range and use cooled detectors and optics.

This final formal RFP supersedes the Draft-RFP and all previously issued documentation in their entirety.

Enclosed is the final formal RFP for the procurement of a Cryogen Dewar consisting of the Request for Proposal that includes the Proposal Instructions and the Specimen Contract. The Final RFP will be available on JPL's Acquisition Web Site at: <http://acquisition.jpl.nasa.gov/rfp/miri/dewar>/DL-2671-584331.

TASK ORDER END DATE:

Subcontractors are requested to provide a proposal that encompasses the entire Dewar activity as indicated in the Specimen Contract with pricing on a phased basis. Since the contract is constrained by the Task Order end date (10/31/04), JPL proposes to write a contract to encompass the entire Specimen Contract activity in three separate phases. Phase 1 of the contract will consist of the Basic Contract, which will extend through October 4, 2004, and includes two hard options. In anticipation of receiving additional funding in the July 2004 timeframe, but recognizing that there is no guarantee that the Sponsor will provide additional funding, JPL plans to proceed with Phase 2, Option 1, that will extend the Basic Contract from October 4, 2004, to March 2008. In like manner, JPL plans to proceed with Phase 3, Option 2, that will focus on post-delivery support through launch and commissioning, ending on or about February 17, 2012.

Contract award will be based on the total proposal, with pricing provided on a phased basis. The Subcontractor is asked to identify activity milestones for Phase I, with an anticipated start date of June 1, 2004 through October 4, 2004, consistent with a funding limitation of \$1,025,000.00 for FY '04. Major significant milestones for the end of Phase 2, Option 1, will be flight hardware delivery.

ADJUSTMENTS TO SUBCONTRACTOR'S COST PROPOSAL:

JPL reserves the right to make adjustments to the Subcontractor's cost proposal to ensure that proposals can be compared on an equal basis. Any changes made by JPL will be disclosed to the Subcontractor(s) as part of the proposal evaluation process.

JPL reserves the right to negotiate adjustments to the Subcontractor's cost proposal for Phases I through III to allow for a rebalancing of the proposed work to be performed.

CONTRACT INCENTIVE:

JPL is interested in issuing a contract that provides incentives for technical, schedule, and cost performance in lieu of a fixed-fee contract. Options for incentives could involve the operational lifetime of the Dewar or the mass of the cryogen in the Dewar at the final fill that will not exceed the allocated mass for the system, consistent with meeting the mission lifetime requirement. The incentive could be per Kg of cryogen above the minimum negotiated at the Contract definition phase. Appropriate cost share lines for cost performance would also need to be negotiated between the parties.

ORAL PRESENTATION:

The Subcontractor will be required to use Oral Presentations during the proposal evaluation process. Oral presentations shall be prepared in viewgraph format and it is required that the Technical and Management proposals be limited to 100 pages, using fonts not smaller than Times New Roman 12 points.

FUNDING INFORMATION:

JPL will ask the Subcontractor to provide cost and pricing information in accordance with the Dewar requirements of the Specimen Contract and Exhibits I, II, and III. To help meet the funding constraints placed on the MIRI Project, the Subcontractor will be asked to provide detailed descope options that can be identified at the Task – WBS level 4 (dollars and hours). Also, the Subcontractor will be asked to identify Dewar parameters and statement of work tasks that can be altered as a result of these descopes.

The anticipated funding profile for FY'04 is \$1.025 M. JPL requires your proposed funding profiles for the following FY's:

FY' 05 Subcontractor proposed:
FY' 06 Subcontractor proposed:
FY' 07 Subcontractor proposed:
FY' 08 Subcontractor proposed:
FY' 09 Subcontractor proposed:
FY' 10 Subcontractor proposed:
FY' 11 Subcontractor proposed:

SOCIO-ECONOMIC-PARTICIPATION IN SUBCONTRACTING:

The selected Subcontractor must present a Small Business Plan (See Attachment B-6, Requirements for A Subcontracting Plan) with a total target goal of 25% for the total contract value to be subcontracted to Small Business as follows:

Small Business (SB)	10%
Small Disadvantaged Business (SDB)	10%
Women-Owned Small Business (WOSB)	5%

The Jet Propulsion Laboratory invites your organization to submit a view-graph proposal in conformance with the instructions contained in the Request For the Proposal.

All questions and correspondence related to this procurement shall be directed to the undersigned.

Cordially,

Dan Low

Subcontracts Manager

M/S 190/220

(818) 354-7397

FAX (818) 393-4168

E-mail address:

Danny.Low@jpl.nasa.gov